JOURNAL OF COMPOSITE MATERIALS

JCM

VOLUME 9/1975 ■ pp. 1–426

JOURNAL OF
COMPOSITE MATERIALS

Editor-in-Chief
STEPHEN W. TSAI*

Affiliate Professor of Engineering
Washington University
St. Louis, Missouri

Senior Scientist
Air Force Materials Laboratory
Wright-Patterson AFB, Ohio

*Editor's Office: Box 2334, Dayton, Ohio 45429

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JOURNAL OF COMPOSITE MATERIALS–Published quarterly by Technomic Publishing Co., Inc., 265 W. State St., Westport, Conn. 06880. Second-class postage paid at Westport, Conn.

Indexed in Engineering Index

Subscriptions–Annual subscription $65.00 per year. Single copy price $18.00 Foreign subscriptions, add $5.00 for postage.

JOURNAL OF COMPOSITE MATERIALS

a TECHNOMIC® publication
TECHNOMIC Publishing Co., Inc.
265 W. State St., Westport, Conn. 06880

Library of Congress Catalog Card No. 68-7102

JCM

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EDITORIAL OBJECTIVES

(Revised January 1972)

The journal provides an outlet for theoretical and experimental studies of the physical and structural properties of multiphase materials.

Both phenomenological and mechanistic approaches, and their interrelations are emphasized. Contributions are judged from the intellectual content and relevance to composite materials. Theoretical predictions should be related to physical reality; experimental results, to some mathematical models.

While fracture, fatigue, structural reliability, and design criteria are being emphasized, analytic solutions of elasticity, and plates and shells are being de-emphasized. These classical boundary value problems are deemed more suitable for publication in discipline-oriented journals than in this technology-oriented journal.

INFORMATION FOR AUTHORS

(Revised April 1975)

Two copies of unpublished manuscripts dealing with theoretical and experimental studies should be submitted to the Editor-in-Chief, Box 2334, Dayton, OH 45429. Brevity is encouraged; total length shall not exceed 25 pages of text, tables and figures.

Current subjects of emphasis include failure modes, nondestructive testing, combined stresses, and statistical design; those of deemphasis include classical boundary-value problems of elasticity and plates, and classical fracture mechanics.

TITLE and AUTHOR Title should emphasize the principal objective, and should be limited to 10 words. Use first names and middle initials. Give address, with zip code, of the institution where the work was done.

ABSTRACT State clearly the objective of the study and salient conclusions in no more than 100 words. For short papers, this may be deleted.

SCOPE This section is for the general reader, not the specialist. Provide concise and precise information on: extent and objectives on the study; techniques employed; relevance of the work to the technology; and significant previous developments. Results obtained should appear in the next section.

CONCLUSIONS and SIGNIFICANCE Present final results and their value to the technology with the general reader in mind.

SUPPLEMENTARY INFORMATION This is intended for the specialist who is presumably well versed in the subject matter and the relevant literature. Present material succinctly, eliminating details readily available from published literature and reports, e.g., mathematical formulation and derivation should be kept to an absolute minimum.

SYMBOLS List and define symbols near the end of paper; they need not be identified in the text.

REFERENCES Provide complete titles. Each reference shall be identified in the text by numbers enclosed in brackets. For exact format, refer to published papers of this journal.

SYSTEM OF UNITS Follow the Système International d'Unités (SI). See *AIChE Journal* (March 1971) and table on p. 511.

FIGURES Provide separate list of captions. Captions should be informative (not simply X vs Y), and should cite conclusions and significance. Lettering should not be less than 5 mm high (18 point).

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GENERAL

The Journal of Composite Materials is not responsible for the views expressed by individual contributors in articles published in the Journal.

Vol. 9, pp. 1–106 JANUARY 1975

CONTENTS

2 Moisture in Composites: The Effect of Supersonic Service on Diffusion
E. L. McKague Jr.
J. E. Halkias
J. D. Reynolds

10 A New Material Model for the Nonlinear Biaxial Behavior of ATJ-S Graphite
Robert M. Jones
Dudley A. R. Nelson Jr.

28 Residual Strength of Laser-Damaged Graphite Composites
K. G. Kibler
H. G. Carter
J. R. Eisenmann

33 A Boundary Layer Theory – Part I: Laminated Composites in Plane Stress
S. Tang

42 A Boundary Layer Theory – Part II: Extension of Laminated Finite Strip
S. Tang and A. Levy

53 Strength Optimization for Cylindrical Shells of Laminated Composites
C. C. Chao
C. T. Sun
S. L. Koh

67 Distortional Energy of Composite Materials
N. J. Pagano

73 Elevated Temperature Strength of Silicon Carbide-on-Carbon Filaments
K. D. McHenry
R. E. Tressler

77 Strength and Elastic Modulus of a Randomly-Distributed Short Fiber Composite
Marvin Knight
H. T. Hahn

91 Curing Stresses in Composite Laminates
H. T. Hahn
N. J. Pagano

Vol. 9, pp. 107–214 April 1975

CONTENTS

108 The Mechanical Behavior of a Solid Microsphere Filled Composite
Terry G. Richard

114 Fracture of Boron-Epoxy Composite Due to Impact Loading
W. S. De Rosset

118 Carbon-Felt, Carbon-Matrix Composites: Dependence of Thermal and Mechanical Properties on Fiber Precursor and Matrix Structure
Hugh O. Pierson
David A. Northrop

138 Buckling of Composite Cylindrical Characterization Specimens
James M. Whitney
Chang-Tsan Sun

149 Fatigue Behavior of Some Filled Polymers
Lawrence E. Nielsen

157 Approximate Stresses in an Orthotropic Plate Containing a Circular Hole
Harold J. Konish
James M. Whitney

167 Material Characterization on the Fracture of Filament-Reinforced Composites
George C. Sih
E. P. Chen
S. L. Huang
E. J. McQuillen

187 Torsional Rigidity of Rectangular Section Bars of Orthotropic Materials
Iain G. Ritchie
Herbert E. Rosinger

191 Failure Modes of Angle Ply Laminates
Assa Rotem
Zvi Hashin

207 On the Validity of Elementary Bending Theory for Anisotropic Elastic Slabs
Theodore R. Tauchert

Vol. 9, pp.215–314 July 1975

CONTENTS

216 Crack Growth Resistance of Random Fiber Composites

Satish Gaggar
Lawrence J. Broutman

228 Boron Nitride Composites By Chemical Vapor Deposition

Hugh O. Pierson

241 Strength Distributions of Single Filaments

Richard A. Larder
Charles W. Beadle

244 Stress Concentrations in Elastic Composites with Limiting Shear Properties

Pericles Theocaris
S. A. Paipetis

251 Further Characteristics of a Nonlinear Material Model for ATJ-S Graphite

Robert M. Jones
Dudley A. R. Nelson, Jr.

266 The Extension of Crack Tip Damage Zones in Fiber Reinforced Plastic Laminates

John F. Mandell
Su-Su Wang
Frederick J. McGarry

288 Effects of Porosity on Strength of Carbon-Carbon Composites

Gilbert William Brassell
James A. Horak
Barry Lynn Butler

297 Proof Testing of Composite Materials

H. T. Hahn
R. Y. Kim

Vol. 9, pp. 315–426 October 1975

CONTENTS

316 On Approximations for Strength of Random Fiber Composites

H. T. Hahn

327 Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments

D. M. Kotchick
R. C. Hink
R. E. Tressler

337 CVD/PAN Felt Carbon/Carbon Composites

Morton L. Lieberman
Richard M. Curlee
Floyd H. Braaten
George T. Noles

347 On Buckling of Unidirectional Boron/Aluminum Stiffeners – A Caution to Designers

E. E. Spier
G. Wang

361 Fracture Behavior of a Nonlinear Woven Fabric Material

William L. Ko

370 The Effect of Environmental-Loading History on the Transverse Strength of GRP Laminate

Ori Ishai
A. Mazor

380 Progressive Nature of Fatigue Damage of Glass Fiber Reinforced Plastics

Toshio Tanimoto
Sadao Amijima

391 X-Ray Method Shows Fibers Fail During Fatigue of Boron-Epoxy Laminates

George L. Roderick
John D. Whitcomb

394 Early Fatigue Damage Detection in Composite Materials

J. J. Nevedunsky
J. J. Lucas
M. J. Salkind

AUTHOR INDEX

AMIJIMA, S.
Progressive Nature of Fatigue Damage of Glass Fiber Reinforced Plastics, p. 380

BEADLE, C. W.
Strength Distribution of Single Filaments, p. 241

BRAATEN, F. M.
CVD/PAN Felt Carbon/Carbon Composites, p. 337

BRASSELL, G. W.
Effects of Porosity on Strength of Carbon-Carbon Composites, p. 288

BROUTMAN, L. J.
Crack Growth Resistance of Random Fiber Composites, p. 216

BUTLER, B. L.
Effects of Porosity on Strength of Carbon-Carbon Composites, p. 288

CARTER, H. G.
Residual Strength of Laser-Damaged Graphite Composites, p. 28

CHAO, C. C.
Strength Optimization for Cylindrical Shells of Laminated Composites, p. 53

CHEN, E. P.
Material Characterization on the Fracture of Filament-Reinforced Composites, p. 167

CURLEE, R. M.
CVD/PAN Felt Carbon/Carbon Composites, p. 337

DE ROSSET, W. S.
Fracture of Boron-Epoxy Composite Due to Impact Loading, p. 114

EISENMANN, J. R.
Residual Strength of Laser-Damaged Graphite Composites, p. 28

GAGGAR, S.
Crack Growth Resistance of Random Fiber Composites, p. 216

HAHN, H. T.
Curing Stresses in Composite Laminates, p. 91
On Approximations for Strength of Random Fiber Composites, p. 316
Proof Testing of Composite Materials, p. 297
Strength and Elastic Modulus of a Randomly-Distributed Short Fiber Composite, p. 77

HALKIAS, J. E.
Moisture in Composites: The Effect of Supersonic Service on Diffusion, p. 2

HINK, R. C.
Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments, p. 327

HORAK, J. A.
Effects of Porosity on Strength of Carbon-Carbon Composites, p. 288

ISHAI, O.
The Effect of Environmental-Loading History on the Transverse Strength of GRP Laminate, p. 370

JONES, R. M.
A New Material Model for the Nonlinear Biaxial Behavior of ATJ-S Graphite, p. 10
Further Characteristics of a Nonlinear Material Model for ATJ-S Graphite, p. 251

KIBLER, K. G.
Residual Strength of Laser-Damaged Graphite Composites, p. 28

KIM, R. Y.
Proof Testing of Composite Materials, p. 297

KNIGHT, M.
Strength and Elastic Modulus of a Randomly-Distributed Short Fiber Composite, p. 77

KO, W. L.
Fracture Behavior of a Nonlinear Woven Fabric Material, p. 361

KOH, S. L.
Strength Optimization for Cylindrical Shells of Laminated Composites, p. 53

KONISH, H. J.
Approximate Stresses in an Orthotropic Plate Containing a Circular Hole, p. 157

KOTCHICK, D. M.
Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments, p. 327

LARDER, R. A.
Strength Distributions of Single Filaments, p. 241

LEVY, A.
A Boundary Layer Theory – Part II: Extension of Laminated Finite Strip, p. 42

LIEBERMAN, M. L.
CVD/PAN Felt Carbon/Carbon Composites, p. 337

LUCAS, J. J.
Early Fatigue Damage Detection in Composite Materials, p. 394

MANDELL, J. F.
The Extension of Crack Tip Damage Zones in Fiber Reinforced Plastic Laminates, p. 266

MAZOR, A.
The Effect of Environmental-Loading History on the Transverse Strength of GRP Laminate, p. 370

McGARRY, F. J.
The Extension of Crack Tip Damage Zones in Fiber Reinforced Plastic Laminates, p. 266

McHENRY, K. D.
Elevated Temperature Strength of Silicon Carbide-on-Carbon Filaments, p. 73

McKAGUE, E. L., JR.
Moisture in Composites: The Effect of Supersonic Service on Diffusion, p. 2

NELSON, D. A. R., JR.
A New Material Model for the Nonlinear Biaxial Behavior of ATJ-S Graphite, p. 10
Further Characteristics of a Nonlinear Material Model for ATJ-S Graphite, p. 251

NEVADUNSKY, J. J.
Early Fatigue Damage Detection in Composite Materials, p. 394

NIELSEN, L. E.
Fatigue Behavior of Some Filled Polymers, p. 149

NOLES, G. T.
CVD/PAN Felt Carbon/Carbon Composites, p. 337

NORTHROP, D. A.
Carbon-Felt, Carbon-Matrix Composites: Dependence of Thermal and Mechanical Properties on Fiber Precursor and Matrix Structure, p. 118

PAGANO, N. J.
Curing Stresses in Composite Laminates, p. 91
Distortional Energy of Composite Materials, p. 67

PAIPETIS, S. A.
Stress Concentrations in Elastic Composites with Limiting Shear Properties, p. 244

PIERSON, H. O.
Boron Nitride Composites by Chemical Vapor Deposition, p. 228
Carbon-Felt, Carbon-Matrix Composites: Dependence of Thermal and Mechanical Properties on Fiber Precursor and Matrix Structure, p. 118

REYNOLDS, J. D.
Moisture in Composites: The Effect of Supersonic Service on Diffusion, p. 2

RICHARD, T. G.
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

RITCHIE, I. G.
Torsional Rigidity of Rectangular Section Bars of Orthotropic Materials, p. 187

RODERICK, G. L.
X-Ray Method Shows Fibers Fail During Fatigue of Boron-Epoxy Laminates, p. 391

ROSINGER, H. E.
Torsional Rigidity of Rectangular Section Bars of Orthotropic Materials, p. 187

SALKIND, M. J.
Early Fatigue Damage Detection in Composite Materials, p. 394

SIH, G. C.
Material Characterization on the Fracture of Filament-Reinforced Composites, p. 167

SPIER, E. E.
On Buckling of Unidirectional Boron/Aluminum Stiffeners: A Caution to Designers, p. 347

SUN, C. T.
Buckling of Composite Cylindrical Characterization Specimens, p. 138
Strength Optimization for Cylindrical Shells of Laminated Composites, p. 53

TANG, S.
A Boundary Layer Theory – Part I: Laminated Composites in Plane Stress, p. 33
A Boundary Layer Theory – Part II: Extension of Laminated Finite Strip, p. 42

TANIMOTO, T.
Progressive Nature of Fatigue Damage of Glass Fiber Reinforced Plastics, p. 380

TAUCHERT, T. R.
On the Validity of Elementary Bending Theory for Anisotropic Elastic Slabs, p. 207

THEOCARIS, P.
Stress Concentrations in Elastic Composites with Limiting Shear Properties, p. 244

TRESSLER, R. E.
Elevated Temperature Strength of Silicon Carbide-on-Carbon Filaments, p. 73
Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments, p. 327

WANG, G.
On Buckling of Unidirectional Boron/Aluminum Stiffeners: A Caution to Designers, p. 347

WANG, S. S.
The Extension of Crack Tip Damage Zones in Fiber Reinforced Plastic Laminates, p. 266

WHITCOMB, J. D.
X-Ray Method Shows Fibers Fail During Fatigue of Boron-Epoxy Laminates, p. 391

WHITNEY, J. M.
Approximate Stresses in an Orthotropic Plate Containing a Circular Hole, p. 15
Buckling of Composite Cylindrical Characterization Specimens, p. 138

SUBJECT INDEX

Aircraft Flight Temperatures
Moisture in Composites: The Effect of Supersonic Service on Diffusion, p. 2

Analysis
A Boundary Layer Theory – Part I: Laminated Composites in Plane Stress, p. 33
A Boundary Layer Theory – Part II: Extension of Laminated Finite Strip, p. 42
On Buckling of Unidirectional Boron/Aluminum Stiffeners: A Caution to Designers, p. 347

Anisotropic Elasticity
Material Characterization on the Fracture of Filament-Reinforced Composites, p. 167

Anisotropic Slab
On the Validity of Elementary Bending Theory for Anisotropic Elastic Slabs, p. 207

Anisotropy
Boron Nitride Composites by Chemical Vapor Deposition, p. 228

ATJ-S Graphite
A New Material Model for the Nonlinear Biaxial Behavior of ATJ-S Graphite, p. 10
Further Characteristics of a Nonlinear Material Model for ATJ-S Graphite, p. 251

Bending Theory
On the Validity of Elementary Bending Theory for Anisotropic Elastic Slabs, p. 207

Biaxial Behavior
A New Material Model for the Nonlinear Biaxial Behavior of ATJ-S Graphite, p. 10

Birefringent Solid
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

Boron-Aluminum
On Buckling of Unidirectional Boron/Aluminum Stiffeners: A Caution to Designers, p. 347

Boron-Epoxy Composite
Fracture of Boron-Epoxy Composite Due to Impact Loading, p. 114

Boron-Epoxy Laminates
X-Ray Method Shows Fibers Fail During Fatigue of Boron-Epoxy Laminates, p. 391

Boron Nitride Composites
Boron Nitride Composites by Chemical Vapor Deposition, p. 228

Boundary Layer
A Boundary Layer Theory – Part I: Laminated Composites in Plane Stress, p. 33
A Boundary Layer Theory – Part II: Extension of Laminated Finite Strip, p. 42

Buckling
On Buckling of Unidirectional Boron/Aluminum Stiffeners: A Caution to Designers, p. 347

Buckling of Laminated Shells
Buckling of Composite Cylindrical Characterization Specimens, p. 138

Carbon-Carbon Composites
Effects of Porosity on Strength of Carbon-Carbon Composites, p. 288

Carbon Composites
CVD/PAN Felt Carbon/Carbon Composites, p. 337

Carbon-Felt, Carbon-Matrix Composites
Carbon-Felt, Carbon-Matrix Composites: Dependence of Thermal and Mechanical Properties on Fiber Precursor Matrix Structure, p. 118

Chemical Vapor Deposition
Boron Nitride Composites by Chemical Vapor Deposition, p. 228
CVD/PAN Felt Carbon/Carbon Composites, p. 337
Effects of Porosity on Strength of Carbon-Carbon Composites, p. 288

Circular Hole
Approximate Stresses in an Orthotropic Plate Containing a Circular Hole, p. 157

Composite Cylindrical Specimens
Buckling of Composite Cylindrical Characterization Specimens, p. 138

Composite Laminates
Curing Stresses in Composite Laminates, p. 91

Composite Strength Prediction
Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments, p. 327
On Approximations for Strength of Random Fiber Composites, p. 316

Composites
On Buckling of Unidirectional Boron/Aluminum Stiffeners: A Caution to Designers, p. 347
X-Ray Method Shows Fibers Fail During Fatigue of Boron-Epoxy Laminates, p. 391

Compression
Buckling of Composite Cylindrical Characterization Specimens, p. 138

Constitutive Relations
A New Material Model for the Nonlinear Biaxial Behavior of ATJ-S Graphite, p. 10

Crack
Progressive Nature of Fatigue Damage of Glass Fiber Reinforced Plastics, p. 380

Crack Extension
Fracture Behavior of a Nonlinear Woven Fabric Material, p. 361

Crack Growth
Crack Growth Resistance of Random Fiber Composites, p. 216

Crack Tip
The Extension of Crack Tip Damage Zones in Fiber Reinforced Plastic Laminates, p. 266

Crack Velocity
Fracture of Boron-Epoxy Composite Due to Impact Loading, p. 114

Crippling
On Buckling of Unidirectional Boron/Aluminum Stiffeners: A Caution to Designers, p. 347

Curing Stresses
Curing Stresses in Composite Laminates, p. 91

Cyclic Loading
Progressive Nature of Fatigue Damage of Glass Fiber Reinforced Plastics, p. 380

Cylindrical Shells
Strength Optimization for Cylindrical Shells of Laminated Composites, p. 53

Damage Zones
The Extension of Crack Tip Damage Zones in Fiber Reinforced Plastic Laminates, p. 266

Damping
Fatigue Behavior of Some Filled Polymers, p. 149

Degradation
The Effect of Environmental-Loading History on the Transverse Strength of GRP Laminate, p. 370

Design Data Base
Early Fatigue Damage Detection in Composite Materials, p. 394

Diffusion
Moisture in Composites: The Effect of Supersonic Service on Diffusion, p. 2

Discontinuous Fibers
On Approximations for Strength of Random Fiber Composites, p. 316

Distortional Energy
Distortional Energy of Composite Materials, p. 67

Dynamic Tests
Fatigue Behavior of Some Filled Polymers, p. 149

E-Glass Epoxy Laminates
Early Fatigue Damage Detection in Composite Materials, p. 394

Elastic Constants
Torsional Rigidity of Rectangular Section Bars of Orthotropic Materials, p. 187

Elastic Modulus
Boron Nitride Composites by Chemical Vapor Deposition, p. 228
On Approximations for Strength of Random Fiber Composites, p. 316
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

Elastic Properties
Stress Concentrations in Elastic Composites with Limiting Shear Properties, p. 244

Energy of Distortion
Distortional Energy of Composite Materials, p. 67

Environmental Loading
The Effect of Environmental-Loading History on the Transverse Strength of GRP Laminate, p. 370

Experimental Scatter
Strength and Elastic Modulus of a Randomly-Distributed Short Fiber Composite, p. 77

Failure
Strength Distributions of Single Filaments, p. 241

Failure Model
On Approximations for Strength of Random Fiber Composites, p. 316

Failure Theories
Distortional Energy of Composite Materials, p. 67

Fatigue
Fatigue Behavior of Some Filled Polymers, p. 149
X-Ray Method Shows Fibers Fail During Fatigue of Boron-Epoxy Laminates, p. 391

Fatigue Damage
Progressive Nature of Fatigue Damage of Glass Fiber Reinforced Plastics, p. 380

Fatigue Damage Detection
Early Fatigue Damage Detection in Composite Materials, p. 394

Fiber Fracture
X-Ray Method Shows Fibers Fail During Fatigue of Boron-Epoxy Laminates, p. 391

Fiber Precursor
Carbon-Felt, Carbon-Matrix Composites: Dependence of Thermal and Mechanical Properties on Fiber Precursor and Matrix Structure, p. 118

Fiber Reinforced Plastics
The Extension of Crack Tip Damage Zones in Fiber Reinforced Plastic Laminates, p. 266

Filament-Reinforced Composites
Material Characterization on the Fracture of Filament-Reinforced Composites, p. 167

Filaments
Elevated Temperature Strength of Silicon Carbide-on-Carbon Filaments, p. 73

Filament Strengths
Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments, p. 327

Filled Polymers
Fatigue Behavior of Some Filled Polymers, p. 149

Finite Strip
A Boundary Layer Theory – Part II: Extension of Laminated Finite Strip, p. 42

Fracture
Crack Growth Resistance of Random Fiber Composites, p. 216
Early Fatigue Damage Detection in Composite Materials, p. 394
Elevated Temperature Strength of Silicon Carbide-on-Carbon Filaments, p. 73
Fracture of Boron-Epoxy Composite Due to Impact Loading, p. 114

Fracture Behavior
Fracture Behavior of a Nonlinear Woven Fabric Material, p. 361

Fracture Mechanics
Material Characterization on the Fracture of Filament-Reinforced Composites, p. 167

Fracture Toughness
The Extension of Crack Tip Damage Zones in Fiber Reinforced Plastic Laminates, p. 266

Gauge Length Effects
Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments, p. 327

Glass Content
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

Glass-Epoxy
Proof Testing of Composite Materials, p. 297

Glass-Epoxy Composite
Strength Optimization for Cylindrical Shells of Laminated Composites, p. 53

Glass Fiber Reinforced Plastics
Progressive Nature of Fatigue Damage of Glass Fiber Reinforced Plastics, p. 380

Glass Filaments
Strength Distributions of Single Filaments, p. 241

Glass Fibers
Crack Growth Resistance of Random Fiber Composites, p. 216

Granular Composites
Further Characteristics of a Nonlinear Material Model for ATJ-S Graphite, p. 251

Graphical "Shifting"
Fracture Behavior of a Nonlinear Woven Fabric Material, p. 361

Graphite
A New Material Model for the Nonlinear Biaxial Behavior of ATJ-S Graphite, p. 10
Further Characteristics of a Nonlinear Material Model for ATJ-S Graphite, p. 251

Graphite-E-Glass-Epoxy Laminates
Early Fatigue Damage Detection in Composite Materials, p. 394

Graphite-Epoxy
A Boundary Layer Theory – Part II: Extension of Laminated Finite Strip, p. 42
Residual Strength of Laser-Damaged Graphite Composites, p. 28

Graphite-Epoxy Composites
Moisture in Composites: The Effect of Supersonic Service on Diffusion, p. 2

Graphite-Epoxy Laminates
The Extension of Crack Tip Damage Zones in Fiber Reinforced Plastic Laminates, p. 266

GRP Laminate
Progressive Nature of Fatigue Damage of Glass Fiber Reinforced Plastics, p. 380
The Effect of Environmental-Loading History on the Transverse Strength of GRP Laminate, p. 370

Hill's Theory
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

Holographic Inspection
Early Fatigue Damage Detection in Composite Materials, p. 394

Impact Loading
Fracture of Boron-Epoxy Composite Due to Impact Loading, p. 114

Interlaminar Shear
A Boundary Layer Theory – Part I: Laminated Composites in Plane Stress, p. 33
Progressive Nature of Fatigue Damage of Glass Fiber Reinforced Plastics, p. 380

Interlaminar Stresses
A Boundary Layer Theory – Part II: Extension of Laminated Finite Strip, p. 42

Isostress Theory
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

Kerner's Theory
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

Laminated Composites
A Boundary Layer Theory – Part I: Laminated Composites in Plane Stress, p. 33
A Boundary Layer Theory – Part II: Extension of Laminated Finite Strip, p. 42
Strength Optimization for Cylindrical Shells of Laminated Composites, p. 53

Laminated Sheets
Fracture Behavior of a Nonlinear Woven Fabric Material, p. 361

Laser Damage
Residual Strength of Laser-Damaged Graphite Composites, p. 28

Life Distribution
Proof Testing of Composite Materials, p. 297

Loaded Specimens
The Effect of Environmental-Loading History on the Transverse Strength of GRP Laminate, p. 370

Material Modeling
A New Material Model for the Nonlinear Biaxial Behavior of ATJ-S Graphite, p. 10

Matrix Crack Propagation Model
Material Characterization on the Fracture of Filament-Reinforced Composites, p. 167

Matrix Structure
Carbon-Felt, Carbon-Matrix Composites: Dependence of Thermal and Mechanical Properties on Fiber Precursor and Matrix Structure, p. 118

Mechanical Behavior
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

Mechanical Properties
Boron Nitride Composites by Chemical Vapor Deposition, p. 228
Carbon-Felt, Carbon-Matrix Composites: Dependence of Thermal and Mechanical Properties on Fiber Precursor and Matrix Structure, p. 118
Effects of Porosity on Strength of Carbon-Carbon Composites, p. 288
Fatigue Behavior of Some Filled Polymers, p. 149

Mechanical Properties, Residual
The Effect of Environmental-Loading History on the Transverse Strength of GRP Laminate, p. 370

Moisture Absorption
Moisture in Composites: The Effect of Supersonic Service on Diffusion, p. 2

Monolayered Sheets
Fracture Behavior of a Nonlinear Woven Fabric Material, p. 361

Non-Destructive Inspection
Early Fatigue Damage Detection in Composite Materials, p. 394

Nonlinear Behavior
Further Characteristics of a Nonlinear Material Model for ATJ-S Graphite, p. 251

Nonlinear Woven Fabric
Fracture Behavior of a Nonlinear Woven Fabric Material, p. 361

Off-Axis Loading
Material Characterization on the Fracture of Filament-Reinforced Composites, p. 167

Optical Analysis
Effects of Porosity on Strength of Carbon-Carbon Composites, p. 288

Optimization
Strength Optimization for Cylindrical Shells of Laminated Composites, p. 53

Orthotropic Materials
Torsional Rigidity of Rectangular Section Bars of Orthotropic Materials, p. 187

Orthotropic Plates
Approximate Stresses in an Orthotropic Plate Containing a Circular Hole, p. 157

Particle Composites
Stress Concentrations in Elastic Composites with Limiting Shear Properties, p. 244

Particulate Filled Composites
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

Plane Stress
A Boundary Layer Theory – Part I: Laminated Composites in Plane Stress, p. 33

Perforated Composite Laminate
Approximate Stresses in an Orthotropic Plate Containing a Circular Hole, p. 157

Poisson's Ratio
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

Polyacrylonitrile Felt
CVD/PAN Felt Carbon/Carbon Composites, p. 337

Porosity
Effects of Porosity on Strength of Carbon-Carbon Composites, p. 288

Proof Testing
Proof Testing of Composite Materials, p. 297

Random Composite
Strength and Elastic Modulus of a Randomly-Distributed Short Fiber Composite, p. 77

Random Fiber Composites
On Approximations for Strength of Random Fiber Composites, p. 316

R-Curve
Crack Growth Resistance of Random Fiber Composites, p. 216

Reinforcement
Stress Concentrations in Elastic Composites with Limiting Shear Properties, p. 244

Reliability
Strength and Elastic Modulus of a Randomly-Distributed Short Fiber Composite, p. 77

Residual Strength
Early Fatigue Damage Detection in Composite Materials, p. 394
Progressive Nature of Fatigue Damage of Glass Fiber Reinforced Plastics, p. 380
Residual Strength of Laser-Damaged Graphite Composites, p. 28

Rule of Mixtures
On Approximations for Strength of Random Fiber Composites, p. 316

Sapphire
Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments, p. 327

Shear Deformation
On the Validity of Elementary Bending Theory for Anisotropic Elastic Slabs, p. 207

Shear Moduli
Torsional Rigidity of Rectangular Section Bars of Orthotropic Materials, p. 187

Shear Properties
Stress Concentrations in Elastic Composites with Limiting Shear Properties, p. 244

Shell Equations
Strength Optimization for Cylindrical Shells of Laminated Composites, p. 53

Shells, Laminated
Buckling of Composite Cylindrical Characterization Specimens, p. 138

Silicon Carbide
Elevated Temperature Strength of Silicon Carbide-on-Carbon Filaments, p. 73
Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments, p. 327

Single Filaments
Strength Distributions of Single Filaments, p. 241

Slab
On the Validity of Elementary Bending Theory for Anisotropic Elastic Slabs, p. 207

Solid Microsphere Filled Composite
The Mechanical Behavior of a Solid Microsphere Filled Composite, p. 108

Strain Energy Density Criterion
Material Characterization on the Fracture of Filament-Reinforced Composites, p. 167

Static Fatigue
Proof Testing of Composite Materials, p. 297

Strength
Carbon-Felt, Carbon-Matrix Composites: Dependence of Thermal and Mechanical Properties on Fiber Precursor and Matrix Structure, p. 118
Effects of Porosity on Strength of Carbon-Carbon Composites, p. 288
Elevated Temperature Strength of Silicon Carbide-on-Carbon Filaments, p. 73
On Approximations for Strength of Random Fiber Composites, p. 316
Strength Distributions of Single Filaments, p. 241
Strength Optimization for Cylindrical Shells of Laminated Composites, p. 53
The Effect of Environmental-Loading History on the Transverse Strength of GRP Laminate, p. 370

Strength Distribution
Proof Testing of Composite Materials, p. 297
Strength and Elastic Modulus of a Randomly-Distributed Short Fiber Composite, p. 77

Strength Reduction
Residual Strength of Laser-Damaged Graphite Composites, p. 28

Stress
Approximate Stresses in an Orthotropic Plate Containing a Circular Hole, p. 157
The Extension of Crack Tip Damage Zones in Fiber Reinforced Plastic Laminated, p. 266

Stress Analysis
Further Characteristics of a Nonlinear Material Model for ATJ-S Graphite, p. 251

Stress Concentrations
Crack Growth Resistance of Random Fiber Composites, p. 216
Fracture Behavior of a Nonlinear Woven Fabric Material, p. 361
Stress Concentrations in Elastic Composites with Limiting Shear Properties, p. 244

Stress Level
Fracture of Boron-Epoxy Composite Due to Impact Loading, p. 114

Stress-Rupture
Proof Testing of Composite Materials, p. 297

Stress-Strain Relations
A New Material Model for the Nonlinear Biaxial Behavior of ATJ-S Graphite, p. 10

Subsonic Temperatures
Moisture in Composites: The Effect of Supersonic Service on Diffusion, p. 2

Supersonic Service
Moisture in Composites: The Effect of Supersonic Service on Diffusion, p. 2

Surface Damage
Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments, p. 327

Temperature Dependent Properties
Curing Stresses in Composite Laminates, p. 91

Tensile Strength
Approximate Stresses in an Orthotropic Plate Containing a Circular Hole, p. 157

Test
On Buckling of Unidirectional Boron/Aluminum Stiffeners: A Caution to Designers, p. 347

Thermal Conductivity
Boron Nitride Composites by Chemical Vapor Deposition, p. 228

Thermal Effects
Residual Strength of Laser-Damaged Graphite Composites, p. 28

Thermal Properties
Carbon-Felt, Carbon-Matrix Composites: Dependence of Thermal and Mechanical Properties on Fiber Precursor and Matrix Structure, p. 118

Thermal Strains
Curing Stresses in Composite Laminates, p. 91

Thermal Stress Resistance
CVD/PAN Felt Carbon/Carbon Composites, p. 337

Thermoelastic Analysis
Curing Stresses in Composite Laminates, p. 91

Torsion
Buckling of Composite Cylindrical Characterization Specimens, p. 138

Torsional Rigidity
Torsional Rigidity of Rectangular Section Bars of Orthotropic Materials, p. 187

Transverse Strength
The Effect of Environmental-Loading History on the Transverse Strength of GRP Laminate, p. 370

Tubular Specimens
Buckling of Composite Cylindrical Characterization Specimens, p. 138

Tungsten Core
X-Ray Method Shows Fibers Fail During Fatigue of Boron-Epoxy Laminates, p. 391

Ultrasonic C-Scan
Early Fatigue Damage Detection in Composite Materials, p. 394

Unidirectional Composites
Material Characterization on the Fracture of Filament-Reinforced Composites, p. 167
On Approximations for Strength of Random Fiber Composites, p. 316

Wave Propagation Analysis
Fracture of Boron-Epoxy Composite Due to Impact Loading, p. 114

Weibull Distribution
Gauge Length and Surface Damage Effects on the Strength Distributions of Silicon Carbide and Sapphire Filaments, p. 327
Strength and Elastic Modulus of a Randomly-Distributed Short Fiber Composite, p. 77

X-Ray
X-Ray Method Shows Fibers Fail During Fatigue of Boron-Epoxy Laminates, p. 391

Yield Theory
Distortional Energy of Composite Materials, p. 67